

Patent
PD-201014
Customer No. 020991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ernest C. Chen

Serial No.: 10/532,619

371(c) Date: April 25, 2005

For: MAXIMIZING POWER AND
SPECTRAL EFFICIENCIES FOR
LAYERED AND CONVENTIONAL
MODULATIONS

Group Art Unit: 2611

Examiner: BAYARD, Emmanuel

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Mail Stop Amendment, Commissioner for
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22313-1450 on the date below.


Georgann S. Grunebach

Typed or printed name of person signing certificate

Date: July 30, 2007

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97 (c)(2)
WITH FEE SET FORTH IN § 1.17(p)

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The references cited on the enclosed form PTO/SB/08A may be relevant or material to the examination of the above-identified patent application and are, therefore, submitted in compliance with the duty of disclosure defined in 37 C.F.R. § 1.56.

This statement should be considered because it is submitted after the mailing date of a first Office action on-the-merits, but before the mailing of any of a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application.

In accordance with 37 C.F.R. § 1.97 (c)(2), submitted herewith is the fee set forth in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement.

PAYMENT OF FEE SET FORTH IN §1.17(p)

Please charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California, in the amount of \$180.00. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to that account. **This form is being submitted in duplicate.**

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Respectfully submitted,

By:


Georgia S. Grunebach, Reg. No. 33,179

The DIRECTV Group, Inc.
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Telephone No. (310) 964-4615

Patent
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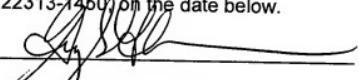
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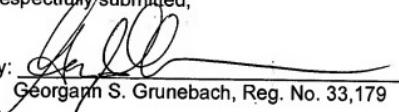
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Substitute for form PTO/SB/08A		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/532,619
		371(c) Filing Date	April 25, 2005
		First Named Inventor	Ernest C. Chen
		Art Unit	2611
		Examiner Name	BAYARD, Emmanuel
Date:	July 30, 2007		
Sheet 1 of 1		Attorney Docket Number	PD-201014

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-5,285,474	02-1994	Chow et al.	
		US-6,002,713	12-1999	Goldstein et al.	
		US-6,078,645	06-2000	Cai et al.	
		US-6,313,885	11-2001	Patel et al.	

U.S. PUBLICATION DOCUMENTS

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		US-2002/0009141	01-2002	Yamaguchi et al.	
		US-2002/0186761	12-2002	Corbaton et al.	
		US-2003/0171102	09-2003	Yang, Bin	
		US-2004/0013084	01-2004	Thomas et al.	
		US-2006/0022747	02-2006	Chen et al.	
		US-2006/0045191	03-2006	Vasantha et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T
		EP 0115218	08-1984	Mitsubishi Petrochemical Co.	
		EP 1011245	06-2000	Matsushita Electric Ind. Co.	
		EP 1065854	01-2001	Tandberg Television ASA	
		WO 99/23718	05-1999	Motorola Inc.	
		WO 01/39455	05-2001	Thomson Licensing SA	
		WO 01/39456	05-2001	Thomson Licensing SA	
		WO 2005/074171	08-2005	Qualcomm Incorporated	
		WO 2005/086444	09-2005	Thomson Licensing SA	
		KR 2001 0019997 (English abstract included)	03-2001	Hynix Semiconductor Inc.	

Examiner Signature		Date Considered	
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